



# National Weather Service

## Storm Data and Unusual Weather Phenomena



April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property		Crops	Character of Storm
					Killed	Injured					

### KENTUCKY, Northeast

<b>KYZ101&gt;103-105</b>											
<b>Greenup - Carter - Boyd - Lawrence</b>											
<b>16</b>	<b>1200EST</b>				<b>0</b>	<b>0</b>					<b>Record Warmth</b>
	<b>1800EST</b>										
Afternoon temperatures reached into the upper 80s and lower 90s. Ashland had 91 degrees, while Grayson and Charley saw 90 degrees.											
<b>KYZ101&gt;102</b>											
<b>Greenup - Carter</b>											
<b>28</b>	<b>0400EST</b>				<b>0</b>	<b>0</b>		<b>5K</b>			<b>Flood</b>
	<b>0800EST</b>										
Rains of 1.5 to 2 inches of rain fell in less than 12 hours. Secondary back roads flooded, forcing some residents to move their vehicles to higher ground. The Little Sandy River at Grayson crested just below flood stage later in the afternoon.											

### OHIO, Southeast

<b>OHZ066&gt;067-075&gt;076-083&gt;087</b>											
<b>Perry - Morgan - Athens - Washington - Jackson - Vinton - Meigs - Gallia - Lawrence</b>											
<b>16</b>	<b>1200EST</b>				<b>0</b>	<b>0</b>					<b>Record Warmth</b>
	<b>1800EST</b>										
Afternoon temperatures reached into the mid 80s to around 90 degrees. Athens and Jackson registered 90 degrees, while Gallipolis saw 89 degrees.											
<b>Vinton County</b>											
<b>Mc Arthur</b>	<b>19</b>	<b>1835EST</b>			<b>0</b>	<b>0</b>					<b>Hail(0.75)</b>
<b>Athens County</b>											
<b>Nelsonville</b>	<b>21</b>	<b>1837EST</b>			<b>0</b>	<b>0</b>					<b>Hail(1.50)</b>
<b>Athens County</b>											
<b>Glouster</b>	<b>21</b>	<b>1840EST</b>			<b>0</b>	<b>0</b>					<b>Hail(1.00)</b>
<b>Morgan County</b>											
<b>Chesterhill</b>	<b>21</b>	<b>1848EST</b>			<b>0</b>	<b>0</b>					<b>Hail(0.75)</b>
<b>Washington County</b>											
<b>4 SW Waterford</b>	<b>21</b>	<b>1850EST</b>			<b>0</b>	<b>0</b>					<b>Hail(1.50)</b>
<b>OHZ083&gt;084-086&gt;087</b>											
<b>Jackson - Vinton - Gallia - Lawrence</b>											
<b>21</b>	<b>1900EST</b>				<b>1</b>	<b>0</b>		<b>40K</b>			<b>Flood</b>
<b>22</b>	<b>0400EST</b>										
M44VE											
<b>Washington County</b>											
<b>Dalzell</b>	<b>21</b>	<b>1915EST</b>			<b>0</b>	<b>0</b>					<b>Hail(0.75)</b>
Warm frontal rains of 1.5 to 2.5 inches were common in about an 18 hour period on the 21st. McArthur measured 2.27 inches, Gallipolis had 2 inches. Isolated amounts over 3 inches were likely. Roads were closed in the usual low spots by overflowing small streams. Jackson County Sheriff's department reported a mobile home flooded along Route 279.											
A 44 year old Lawrence County man drowned in Johns Creek along County Road 4 in Aid Township around 2200E on the 21st. He was driving to a job in Gallipolis. County officials believed he drove into some water on the road, stopped, put his vehicle in reverse to turn around, and then drove into the swollen stream. His body was discovered on Monday morning the 22nd, by a local resident, who was checking the level of the stream.											
A few reports of large hail also occurred with this episode.											
<b>OHZ083&gt;087</b>											
<b>Jackson - Vinton - Meigs - Gallia - Lawrence</b>											
<b>28</b>	<b>0330EST</b>				<b>0</b>	<b>0</b>		<b>45K</b>			<b>Flood</b>
	<b>0830EST</b>										



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### OHIO, Southeast

Perry County Somerset	28	1253EST			0	0	5K		Hail(1.75)
Perry County Crooksville	28	1310EST			0	0	15K		Hail(1.75)
Vinton County Mc Arthur	28	1315EST			0	0	2K		Thunderstorm Wind
Athens County Nelsonville	28	1325EST			0	0	200K		Hail(2.00)
Athens County Trimble	28	1331EST			0	0	10K		Hail(2.00)
Athens County Athens	28	1333EST			0	0	10K		Hail(1.00)
Winds also gusted to 42 mph at Ohio University.									
Morgan County Chesterhill	28	1335EST			0	0			Hail(1.00)
Washington County Bartlett	28	1400EST			0	0	10K		Hail(1.75)
Washington County Marietta	28	1412EST			0	0			Hail(1.00)

Warm frontal rains fell during the predawn hours on the 28th, as a low pressure lifted northeast, toward Michigan. Rains of 1.5 to 2.75 inches fell over saturated ground. Gallipolis, McArthur, and Waterloo all reported around 2 inches of rain in their Sunday morning cooperative reports. Several roads were blocked by overflowing small streams. A few evacuations took place in Gallia County near Gallipolis, as rising water surrounded some apartments. Water covered fields and hampered spring planting.

Later in the day, thunderstorms formed along the cold front. Large hail was common. The largest hail was across northwest Athens County near Nelsonville and Trimble. Several vehicles were dented. Some roof and window damage also occurred to residential homes.

### VIRGINIA, Northwest

VAZ003>004	Dickenson - Buchanan								
16	1200EST				0	0			Record Warmth
	1800EST								

Afternoon temperatures reached into the mid 80s to near 90 degrees. Grundy measured 90 degrees. Clintwood had 88 degrees, while Breaks Interstate Park had 87 degrees.

### WEST VIRGINIA, West

WVZ015-035>038-046>047	Kanawha - Raleigh - Fayette - Nicholas - Webster - Pocahontas - Randolph								
06	0100EST				0	0			Snow
	0800EST								
A predawn snow left 1 to 3 inches of accumulation on the ground. Richwood, Summersville, Hawks Nest, and Mt Nebo all reported 3 inches of snow on the ground at dawn. Charleston had 2 inches of snow accumulation.									
WVZ046>047	Pocahontas - Randolph								
07	0300EST				0	0			Cold
	0800EST								

Dawn temperatures reached 14 degrees at Gladys and Marlinton. Frost and Bartow both had 16 degrees.



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					Killed	Injured					

### WEST VIRGINIA, West

**WVZ005>011-013>020-024>040-046>047**     **Wayne - Cabell - Mason - Jackson - Wood - Pleasants - Tyler - Lincoln - Putnam - Kanawha - Roane - Wirt - Calhoun - Ritchie - Doddridge - Mingo - Logan - Boone - Clay - Braxton - Gilmer - Lewis - Harrison - Taylor - McDowell - Wyoming - Raleigh - Fayette - Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph**

**16**     **1200EST**     **0**     **0**     **Record Warmth**  
**1800EST**

Afternoon temperatures reached into the mid 80s to the lower 90s, for most communities. The warmest temperature was 93 degrees from Hamlin on Lincoln County. The 84 degrees at Beckley, the 85 degrees at Elkins, the 88 degrees at Huntington and Parkersburg, and the 89 degrees at Charleston were all records for the date. Some of the other maximum temperatures included 90 degrees at Glenville and 88 degrees at Clarksburg.

#### **Jackson County**

**Gay**     **21**     **2015EST**     **0**     **0**     **Thunderstorm Wind (G52)**

**WVZ007>008-016-018-028-038-047**     **Mason - Jackson - Roane - Calhoun - Braxton - Webster - Randolph**

**21**     **2100EST**     **0**     **0**     **Flood**  
**22**     **0600EST**

Rains along a warm frontal zone, were 1.5 to 3.5 inches during an 18 hour period on the 21st. Hacker Valley and Pickens both measured 3.2 inches of rain. Ripley saw 2.9 inches of rain. Kumbrow State Forest and Spencer both had around 2.7 inches of rain. Webster Springs and Snowshoe had about 2.2 inches of rain. Small streams overflowed and blocked normal low spots and flooded some basements. Strong rises occurred on the Little Kanawha, Tygart Valley, and Greenbrier Rivers. Despite levels at Belington cresting slightly over the 14 foot flood stage, no significant flooding occurred.

#### **Calhoun County**

**Grantsville**     **28**     **0600EST**     **0**     **0**     **1K**     **Thunderstorm Wind**  
Large trees were blown over.

**WVZ007>008-010-014>016-027-037>038-046>047**     **Mason - Jackson - Pleasants - Putnam - Kanawha - Roane - Clay - Nicholas - Webster - Pocahontas - Randolph**

**28**     **0600EST**     **0**     **0**     **40K**     **Flood**  
**1000EST**

#### **Wayne County**

**Crum**     **28**     **1220EST**     **0**     **0**     **Hail(0.75)**

#### **Logan County**

**Chapmanville**     **28**     **1240EST**     **0**     **0**     **Hail(0.75)**

#### **Boone County**

**Madison**     **28**     **1245EST**     **0**     **0**     **5K**     **Hail(1.50)**

#### **Logan County**

**Logan**     **28**     **1250EST**     **0**     **0**     **15K**     **Hail(1.25)**

#### **Mingo County**

**Williamson**     **28**     **1315EST**     **0**     **0**     **20K**     **Hail(1.50)**

#### **Raleigh County**

**Beckley**     **28**     **1335EST**     **0**     **0**     **700K**     **Hail(1.75)**

#### **Wyoming County**

**Oceana**     **28**     **1345EST**     **0**     **0**     **Hail(1.00)**

#### **Mingo County**

**Williamson**     **28**     **1350EST**     **0**     **0**     **5K**     **Hail(1.00)**

#### **Lewis County**

**Weston**     **28**     **1400EST**     **0**     **0**     **10K**     **Hail(1.25)**

#### **Lewis County**

**6 S Weston**     **28**     **1400EST**     **0**     **0**     **10K**     **Hail(2.00)**



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					Killed	Injured	Property	Crops	
<b><u>WEST VIRGINIA, West</u></b>									
<b>Wood County</b>									
Parkersburg	28	1400EST			0	0	10K		Hail(1.00)
<b>Wyoming County</b>									
1 SE Saulsville	28	1405EST			0	0			Hail(1.00)
			Park officials at Twin Fall State Park reported quarter size hail.						
<b>Pleasants County</b>									
St Marys	28	1410EST			0	0			Hail(0.75)
<b>Barbour County</b>									
Junior	28	1420EST			0	0	10K		Hail(1.00)
<b>Upshur County</b>									
Buckhannon	28	1420EST			0	0	5K		Hail(1.00)
<b>Wyoming County</b>									
Pineville	28	1420EST			0	0	5K		Hail(1.25)
<b>Wyoming County</b>									
Mullens	28	1425EST			0	0	5K		Hail(1.25)
<b>Randolph County</b>									
Gilman	28	1430EST			0	0			Hail(0.88)
<b>Ritchie County</b>									
Ellenboro	28	1445EST			0	0	10K		Hail(1.75)
<b>Harrison County</b>									
Clarksburg	28	1459EST			0	0			Hail(0.88)
<b>Doddridge County</b>									
3 E Smithburg	28	1500EST			0	0			Hail(0.88)
<b>Harrison County</b>									
West Milford	28	1510EST			0	0			Hail(1.00)
<b>Gilmer County</b>									
Gilmer	28	1540EST			0	0	5K		Hail(1.50)
<b>Braxton County</b>									
Burnsville	28	1545EST			0	0	5K		Hail(1.50)
<b>Barbour County</b>									
Philippi	28	1550EST			0	0			Hail(1.25)
<b>Lewis County</b>									
Roanoke	28	1550EST			0	0	10K		Hail(1.75)
<b>Upshur County</b>									
French Creek	28	1550EST			0	0			Hail(0.88)
<b>Randolph County</b>									
Dailey	28	1614EST			0	0			Hail(0.75)

Rains of 1.5 to 3 inches fell in less than 12 hours, on saturated ground, during the early morning hours. The rains were associated with a warm front. Webster Springs had 2.9 inches of rain, Southside measured 2.3 inches, Clendenin reported 2 inches, while Bartow had 1.7 inches of rain. Minor flooding of small streams closed roads. At the Haines Branch in northern Kanawha County, 5 feet of water covered the exit off of Interstate 77. A few houses were surrounded by water in Randolph and Nicholas Counties. An indirect fatality occurred later in the day. A 30 year old kayaker drowned in the Shavers Fork below Bemis. The river had swollen to about 3/4 bankfull, from the earlier rains, but the river was not in flood.

After the morning rains, a cold front sweep through West Virginia during the afternoon. Large hail was common with the strongest thunderstorms. The most hail damage appeared to be in Raleigh County, including the Beckley vicinity. Numerous vehicles were dented, including 70 new cars at a dealership.